

APR 27 2004

PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/660,069
Filing Date	09/11/2003
First Named Inventor	HAYES et al.
Art Unit	1646- 1647
Examiner Name	Sandra Wegert
Attorney Docket Number	5853-283

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Sandra Wegert/	Date Considered	05/14/2007
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(Use as many sheets as necessary)		Filing Date	09/11/2003
		First Named Inventor	HAYES et al.
		Art Unit	1646 1647
		Examiner Name	Sandra Wegert
Sheet	✓ 2	of	✓ 2
		Attorney Docket Number	
		5853-283	

NON PATENT LITERATURE DOCUMENTS

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/660,069		
Filing Date	September 11, 2003		
First Named Inventor	Ronald L. Hayes		
Art Unit	1647		
Examiner Name	Sandra Wegert		
Sheet	1	of	3
		Attorney Docket Number	UF-530XT

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
/SLW/	U1	US 5,536,639	07-16-1996	Siman, et al.	all
/SLW/	U2	US 5,118,606	06-02-1992	Lynch, et al.	all
	U3				
	U4				
	U5				
	U6				
	U7				
	U8				
	U9				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/SLW/	F1	WO 95/26506	10-05-1995	Cephalon, Inc.	ALL	
	F2					
	F3					
	F4					

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Sheet	2	of	3	Application Number	10/660,069
				Filing Date	September 11, 2003
				First Named Inventor	Ronald L. Hayes
				Group Art Unit	1647
				Examiner Name	Sandra Wegert
				Attorney Docket Number	UF-530XT

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/SLW/	R1	PIKE, BRIAN R., et al.: "Accumulation of non-erythroid alphall-spectrin and calpain-cleaved alphall-spectrin breakdown products in cerebrospinal fluid after traumatic brain injury in rats", <i>Journal of Neurochemistry</i> , September 2001, pp 1297-1306, Vol. 78, No. 6.	
/SLW/	R2	NATH, RATHNA, et al.: "Non-erythroid alpha-spectrin breakdown by calpain and interleukin 1beta-converting-enzyme-like protease(s) in apoptotic cells: contributory roles of both protease families in neuronal apoptosis", <i>Biochemistry Journal</i> , November 1, 1996, pp. 683-690, Vol. 319.	
/SLW/	R3	LI , ZHAOZHAO, et al.: "Peptide alpha-Keto Ester, alpha-Keto Amide, and alpha-Keto Acid Inhibitors of Calpains and Other Cysteine Proteases", <i>Journal of Medicinal Chemistry</i> , October 29, 1993, pp. 3472-80, Vol. 36, No. 22.	
/SLW/	R4	YOKOTA, M., et al.: "Three distinct phases of fodrin proteolysis induced in postischemic hippocampus – involvement of calpain and unidentified protease", <i>Stroke</i> , October 1995, pp. 1901-1907, Vol. 26, No. 10.	
/SLW/	R5	NATH, RATHNA, et al.: "Development and characterization of antibodies specific to caspase-3-produced alpha II-spectrin 120 kDa breakdown product: marker for neuronal apoptosis", <i>Neurochemistry International</i> , 2000, pp. 351-361, Vol. 37.	
/SLW/	R6	PIKE, BRIAN R., et al.: "Regional calpain and caspase-3 proteolysis of alpha-spectrin after traumatic brain injury", <i>NeuroReport</i> , August 3, 1998, pp. 2437-42, Vol. 9, No. 11.	
/SLW/	R7	ZHAO, X., et al.: "Maitotoxin Induces Calpain But Not Caspase-3 Activation and Necrotic Cell Death in Primary Septo-Hippocampal Cultures", <i>Neurochemical Research</i> , 1999, pp. 371-382, Vol. 24, No. 3.	
/SLW/	R8	PIKE, BRIAN R., et al.: "Temporal Relationships Between De Novo Protein Synthesis, Calpain and Calpase 3-like Protease Activation, and DNA Fragmentation During Apoptosis in Septo-Hippocampal Cultures", <i>Journal of Neuroscience Research</i> , 1998, pp. 505-520, Vol. 52.	
/SLW/	R9	GIZA, CHRISTOPHER C., et al.: "The Neurometabolic Cascade of Concussion", <i>Journal of Athletic Training</i> , September 2001, pp. 228-235, Vol. 36, No. 3.	
/SLW/	R10	MCGINNIS, KIM M., et al., "Alterations of Extracellular Calcium Elicit Selective Modes of Cell Death and Protease Activation in SH-SY5Y Human Neuroblastoma Cells", <i>Journal of Neurochemistry</i> , 1999, pps. 1853-63, Vol. 72, No. 5, Lippincott Williams & Wilkins, Inc., Philadelphia, PA.	

Examiner Signature	/Sandra Wegert/	Date Considered	05/14/2007
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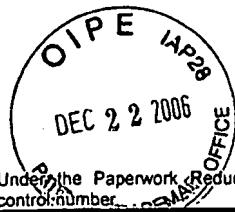
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Sheet	3	of	3	Application Number	10/660,069
				Filing Date	September 11, 2003
				First Named Inventor	Ronald L. Hayes
				Group Art Unit	1647
				Examiner Name	Sandra Wegert
				Attorney Docket Number	UF-530XT

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/SLW/	R1	NATH, RATHNA, et al.: "Activation of apoptosis-linked caspase(s) in NMDA-injured brains in neonatal rats", <i>Neurochemistry International</i> , 2000, pp. 119-126, Vol. 36.		
/SLW/	R2	BARTUS, RAYMOND T., et al. "Time-Related Neuronal Changes Following Middle Cerebral Artery Occlusion: Implications for Therapeutic Intervention and the Role of Calpain," <i>Journal of Cerebral Blood Flow and Metabolism</i> , November 1995, pp. 969-79, Vol. 15, No. 6, Lippincott-Raven Publishers, Philadelphia, PA.		
/SLW/	R3	Supplementary Partial European Search Report		
	R4			
	R5			
	R6			
	R7			
	R8			
	R9			
	R10			
	R11			

Examiner Signature	/Sandra Wegert/	Date Considered	05/14/2007
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

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Application Number	10/660,069
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/SLW/	R1	WANG, KEVIN K.W., et al., "Simultaneous Degradation of α 1 and β II-Spectrin by Caspase 3 (CPP32) in Apoptotic Cells", <i>The Journal of Biological Chemistry</i> , August 28, 1998, pp. 22490-22497, Vol. 273, No. 35, The American Society for Biochemistry and Molecular Biology, Inc., U.S.A.	
	R2		
	R3		
	R4		
	R5		
	R6		
	R7		
	R8		
	R9		
	R10		

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